

ANNEX AGR I - 7

Sector: AGRICULTURE
Priority within the Sector: First

Sub-Sector: IRRIGATION

Activity: Maintenance of irrigation projects
Total requested fund :__

Code	Item Description and its complementary items (if applicable)	Intended use (and targeted end user)	Qty. in unit	Requested fund US \$ (000)	Allocation Criteria	Time frame	
						Optimal application	Optimal delivery
05-07-00001	Sprinkler Equipment For Irrigation Projects. See App. 7 code 00008 and codes 000043 - 000044	Equipment for al- Jazirah Irrigation project to cover 32000 ha . and other units to cover 9400 ha . in other projects .	380 + 940		Improving on farm existing al - Jazirah irrigation project and other projects.	ALL YEAR	AS SOON AS POSSIBLE
05-07-00002	Maintenance Equipment and accessories For Irrigation Projects. See App. 7 codes 00011-00026 and codes 00032 - 00036 and codes 00039 - 00042	Maintenance of irrigation projects in all 15 Governorates. (All irrigation projects in the 15 Governorates)	948 + 13000		Improving an existing irrigation projects & water supply	ALL YEAR	AS SOON AS POSSIBLE
05-07-00003	Maintenance Grouting processes. See App. 7 codes 00037-00038	In grouting processes . (Saddam Dam at Ninava)	4		Resemble requirement for repairs.	ALL YEAR	AS SOON AS POSSIBLE
05-07-00004	Maintenance Dredging Equipment's. See App. 7 codes 00027-00030	For sediment removal from rivers. (Riviers reaches in all 15 Governorates)	21		Resemble requirement for repairs.	ALL YEAR	AS SOON AS POSSIBLE
05-07-00005	Field Maintenance Units See App. 7 code 00031	Operation and inspection of irrigation projects (Irrigation projects in all 15 Governorates)	300		Replacement of existing units	ALL YEAR	AS SOON AS POSSIBLE

05-07-00006	Maintenance Equipment See App. 7 code 00010	Maintenance of existing hydruhc structurrs in the main rivers and main canals in irrigation projects .	2		Improving an existing hydruhc structures	ALL YEAR	AS SOON AS POSSIBLE
05-07-00007	Tunnel boring machine See App. 7 code 00009	For drilling the tunnel in south Jazirah Irrigation project	2		For extension of irrigated area	ALL YEAR	AS SOON AS POSSIBLE

APPENDIX 7
MAINTENANCE EQUIPMENT FOR IRRIGATION PROJECTS

Code	DESCRIPTION	QUANTITY
05-07-00008	Sprinkler Irrigation system leaner move machine (ditch feed and hose feed) to irrigate 40-120 ha for each one with accessories.	380
05-07-00009	Shield boring machine for tunnel excavation with provisiom of precast unit placing with accessories	2
05-07-00010	Diaphragm boring machine up to 60m depth with accessories	2
05-07-00011	Flushing Machine for field drain	50
05-07-00012	Trench Excavator for field drain	5
05-07-00013	Grader	20
05-07-00014	Shovel (Tire)	40
05-07-00015	Shovel (Crawler)	10
05-07-00016	Hydraulic Excavator	300
05-07-00017	Hydraulic Excavator (Tire)	15
05-07-00018	- Drag line Excavator	50
05-07-00019	- Mobile Crane	15
05-07-00020	- Mobile and fixed pump Creat capacity (60-120) m3/ hr	10
05-07-00021	- Trailar for cement transporation (30 - 40) ton	10
05-07-00022	- Low and Flat Loader for transportation	15
05-07-00023	Bulldozer	50
05-07-00024	Motor Scraper	100
05-07-00025	Tip Truck	125
05-07-00026	Marsh-Machine Excavator	20
05-07-00027	Diesel dredger for river dredging (100m3/houre)	4
05-07-00028	Diesel dredger for river dredging (500m3/houre)	6
05-07-00029	Diesel dredger for river dredging (1000m3/houre)	8
05-07-00030	V- type diesel engine for dredger HP = 650 and 1300 , RPM = 1500 - 1800	3
05-07-00031	Pool transport for the rehabilitation of irrigation infrastructure in the 15 governorates. - Field Maintenance Units- Pick-up (double cabin) for field use	300
05-07-00032	Truck Mixer (for concrete 6m ³)	20
05-07-00033	Truck Tanker (for row water 16 m ³)	30
05-07-00034	Vibrating sheep foot roller	20
05-07-00035	Vibrating steel roller	20
05-07-00036	Mixing plant for concrete (60-120)m3/h (complete unit)	8
05-07-00037	Mixing plant for grouting 20 m3/ hr (complete unit)	2

05-07-00038	Mixing plant for grouting (7-10) m ³ / hr (complete unit)	2
05-07-00039	Mobile electrical rotary Drilling Rig on crawler compilation with accessories and drilling rods (1.5 m).	5
05-07-00040	Mobile Diesel and electrical rotary Drilling Rig with hydraulic system on crawler compilation with accessories and drilling rods .	10

05-07-00041	Diffrent sizes and voltage pattries for the equipments , trucks and cars .	3000
05-07-00042	Diffrent sizes of tyres for the equipments , trucks and cars .	10000
05-07-00043	Sprinkler irrigation units - Rain star units - Solid sets units	200 10
05-07-00044	Componentes for sprinkler irrigation system and materials needed for - Rain star units - solid sets units	360 430
05-07-00045	Requirements for manufacturing, Assembling, maintaninig & testing for Rain star, solids sets units	4 lines